

EXHIBIT 47

| Disputed Cisco Command | Dell Command Syntax | Dell Manual Bates Number |
|--|--|--------------------------|
| aaa accounting | aaa accounting {exec commands dot1x} {default list_name} {startstop stop-only none} [method1 [method2...]] {radius tacacs radius l tacacs tacacs radius} | DELL-ANETSUB00131695 |
| aaa accounting dot1x | aaa accounting {exec commands dot1x} {default list_name} {start- stop stop-only none} [method1 [method2...]] {radius tacacs radius tacacs tacacs radius} | DELL-ANETSUB00131695 |
| aaa authentication login | aaa authentication login {default list-name} method1 [method2...] | DELL-ANETSUB00131695 |
| aaa authorization config-commands | aaa authorization {commands exec network} {default list-name} method1 [method2] | DELL-ANETSUB00131695 |
| address-family | address-family { ipv4 ipv6 } | DELL-ANETSUB00131695 |
| aggregate-address | aggregate-address { ipv4-prefix mask ipv6-prefix/prefix-length } [as-set] [summary only] | DELL-ANETSUB00131695 |
| area default-cost | area <i>areaid</i> default-cost 1-16777215 | DELL-ANETSUB00026077 |
| area default-cost (OSPFv3) | area area-id default-cost cost | DELL-ANETSUB00131695 |
| area nssa | area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval] | DELL-ANETSUB00131695 |
| area nssa (OSPFv3) | area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval] | DELL-ANETSUB00131695 |
| area nssa default-information-originate | area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval] | DELL-ANETSUB00131695 |
| area nssa default-information-originate (OSPFv3) | area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval] | DELL-ANETSUB00131695 |
| area nssa no-summary | area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval] | DELL-ANETSUB00131695 |
| area range | area area-id range prefix netmask {summarylink nssaexternallink} [advertise not-advertise][cost cost] | DELL-ANETSUB00131695 |
| area range (OSPFv3) | area area-id range prefix netmask {summarylink nssaexternallink} [advertise not-advertise][cost cost] | DELL-ANETSUB00131695 |
| area stub | area area-id stub | DELL-ANETSUB00131695 |
| area stub (OSPFv3) | area area-id stub | DELL-ANETSUB00131695 |
| arp timeout | arp timeout integer | DELL-ANETSUB00131695 |
| banner login | banner login Message | DELL-ANETSUB00131695 |
| banner motd | banner motd MESSAGE | DELL-ANETSUB00131695 |
| bgp client-to-client reflection | bgp client-to-client reflection | DELL-ANETSUB00131695 |
| bgp cluster-id | bgp cluster-id cluster-id | DELL-ANETSUB00131695 |
| bgp confederation identifier | bgp confederation identifier <i>as-number</i> | DELL-ANETSUB00019535 |
| bgp confederation peers | bgp confederation peers <i>as-number</i> [... <i>as-number</i>] | DELL-ANETSUB00019535 |
| bgp log-neighbor-changes | bgp log-neighbor-changes | DELL-ANETSUB00131695 |
| boot system | boot system [unit-id][active backup] | DELL-ANETSUB00131695 |
| channel-group | channel-group port-channel-number mode {on active} | DELL-ANETSUB00131695 |
| clear arp-cache | clear arp-cache [vrf vrf-name] [gateway] | DELL-ANETSUB00131695 |
| clear counters | clear counters [vrf vrf-name stack-ports switchport interface-id] | DELL-ANETSUB00131695 |
| clear ip bgp | clear ip bgp { * as-number ipv4-address ipv6-address [interface interface-id] } [soft {in out}] | DELL-ANETSUB00131695 |
| clear ipv6 neighbors | clear ipv6 neighbors [vlan vlan-id] | DELL-ANETSUB00131695 |
| clear lldp counters | clear lldp counters <i>interface</i> | DELL-ANETSUB00019535 |
| clear lldp table | clear lldp table [interface-id] | DELL-ANETSUB00114148 |
| clock set | clock set <i>time month day year</i> | DELL-ANETSUB00019535 |
| clock timezone | clock timezone <i>timezone-name offset</i> | DELL-ANETSUB00019535 |
| default-information originate (OSPF) | default-information originate [always] [metric <i>metric-value</i>] [metric-type <i>type-value</i>] | DELL-ANETSUB00019535 |
| default-information originate (OSPFv3) | default-information originate [always] | DELL-ANETSUB00131695 |
| default-metric (OSPF) | default-metric <i>number</i> | DELL-ANETSUB00019535 |
| default-metric (OSPFv3) | default-metric metric-value | DELL-ANETSUB00131695 |
| distance bgp | distance bgp <i>external-distance internal-distance local-distance</i> | DELL-ANETSUB00019535 |
| dot1x port-control | dot1x port-control {force-authorized auto force-unauthorized} | DELL-ANETSUB00019535 |
| dot1x reauthentication | dot1x reauthentication [interval <i>seconds</i>] | DELL-ANETSUB00019535 |
| dot1x system-auth-control | dot1x system-auth-control | DELL-ANETSUB00131695 |
| dot1x timeout quiet-period | dot1x timeout quiet-period seconds | DELL-ANETSUB00131695 |
| dot1x timeout reauth-period | dot1x timeout re-authperiod seconds | DELL-ANETSUB00131695 |
| dot1x timeout tx-period | dot1x timeout tx-period seconds | DELL-ANETSUB00131695 |
| interface loopback | interface loopback <i>number</i> | DELL-ANETSUB00019535 |
| interface port-channel | interface port-channel <i>channel-number</i> | DELL-ANETSUB00019535 |
| interface vlan | interface vlan <i>vlan-id</i> | DELL-ANETSUB00019535 |
| ip access-group | ip access-group <i>access-list-name</i> {in out} [implicit-permit] [vlan <i>vlan-id</i>] | DELL-ANETSUB00019535 |
| ip access-list | ip access-list standard <i>access-list-name</i> // <i>ip access-list extended access-list-name</i> | DELL-ANETSUB00019535 |
| ip address | ip address <i>ip-address mask</i> [secondary] | DELL-ANETSUB00019535 |
| ip as-path access-list | ip as-path access-list <i>as-path-name</i> | DELL-ANETSUB00019535 |
| ip dhcp snooping | [no] ip dhcp snooping | DELL-ANETSUB00019535 |
| ip dhcp snooping vlan | [no] ip dhcp snooping vlan <i>name</i> | DELL-ANETSUB00019535 |
| ip domain lookup | ip domain-lookup | DELL-ANETSUB00131695 |
| ip domain-name | ip domain-name <i>name</i> | DELL-ANETSUB00019535 |

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|---------------------------------------|---|-----------------------|
| ip helper-address | ip helper-address <i>ip-address</i> <i>default-vrf</i> | DELL-ANETSUB00019535 |
| ip host | ip host <i>name ip-address</i> | DELL-ANETSUB00019535 |
| ip igmp last-member-query-count | ip igmp last-member-query-count <i>lmq</i> | DELL-ANETSUB000131695 |
| ip igmp last-member-query-interval | ip igmp last-member-query-interval <i>milliseconds</i> | DELL-ANETSUB00019535 |
| ip igmp query-interval | ip igmp query-interval <i>seconds</i> | DELL-ANETSUB00019535 |
| ip igmp query-max-response-time | ip igmp query-max-response-time <i>seconds</i> | DELL-ANETSUB000131695 |
| ip igmp snooping | ip igmp snooping enable | DELL-ANETSUB00019535 |
| ip igmp snooping querier | ip igmp snooping querier | DELL-ANETSUB00019535 |
| ip igmp snooping vlan | ip igmp snooping vlan <i>vlan-id</i> mrouter interface <i>interface-id</i> // ip igmp snooping vlan <i>vlan-id</i> last-member-query-interval <i>time</i> // ip igmp snooping vlan <i>vlan-id</i> mcrtpexpiretime <i>time</i> // ip igmp snooping vlan <i>vlan-id</i> groupmembership-interval <i>time</i> | DELL-ANETSUB000131695 |
| ip igmp snooping vlan immediate-leave | ip igmp snooping vlan <i>vlan-id</i> immediate-leave | DELL-ANETSUB000131695 |
| ip igmp startup-query-count | ip igmp startup-query-count <i>count</i> | DELL-ANETSUB000131695 |
| ip igmp startup-query-interval | ip igmp startup-query-interval <i>seconds</i> | DELL-ANETSUB000131695 |
| ip igmp version | ip igmp version { 2 3 } | DELL-ANETSUB00019535 |
| ip msdp default-peer | ip msdp default-peer <i>peer address</i> [<i>list name</i>] | DELL-ANETSUB00019535 |
| ip msdp mesh-group | ip msdp mesh-group { <i>name</i> } { <i>peer address</i> } | DELL-ANETSUB00019535 |
| ip msdp originator-id | ip msdp originator-id { <i>interface</i> } | DELL-ANETSUB00019535 |
| ip msdp peer | ip msdp peer <i>peer address</i> [connect-source] [description] [sa-limit <i>number</i>] | DELL-ANETSUB00019535 |
| ip msdp sa-filter in | ip msdp sa-filter {in out} <i>peer-address</i> list [<i>access-list name</i>] | DELL-ANETSUB00019535 |
| ip msdp sa-filter out | ip msdp sa-filter {in out} <i>peer-address</i> list [<i>access-list name</i>] | DELL-ANETSUB00019535 |
| ip msdp sa-limit | ip msdp sa-limit <i>number</i> | DELL-ANETSUB00019535 |
| ip msdp shutdown | ip msdp shutdown { <i>peer address</i> } | DELL-ANETSUB00019535 |
| ip name-server | ip name-server <i>ipv4-address</i> [<i>ipv4-address2</i> ... <i>ipv4-address6</i>] | DELL-ANETSUB00019535 |
| ip ospf authentication | ip ospf authentication {none {simple key} {encrypt key <i>key-id</i> }} | DELL-ANETSUB000131695 |
| ip ospf authentication-key | ip ospf authentication-key { <i>encryption-type</i> } <i>key</i> | DELL-ANETSUB00019535 |
| ip ospf cost | ip ospf cost <i>cost</i> | DELL-ANETSUB00019535 |
| ip ospf dead-interval | ip ospf dead-interval <i>seconds</i> | DELL-ANETSUB00019535 |
| ip ospf hello-interval | ip ospf hello-interval <i>seconds</i> | DELL-ANETSUB00019535 |
| ip ospf network | ip ospf network {broadcast point-to-point} | DELL-ANETSUB00019535 |
| ip ospf priority | ip ospf priority <i>number</i> | DELL-ANETSUB00019535 |
| ip ospf retransmit-interval | ip ospf retransmit-interval <i>seconds</i> | DELL-ANETSUB00019535 |
| ip ospf transmit-delay | ip ospf transmit-delay <i>seconds</i> | DELL-ANETSUB00019535 |
| ip pim dr-priority | ip pim dr-priority <i>priority-value</i> | DELL-ANETSUB00019535 |
| ip prefix-list | ip prefix-list <i>prefix-name</i> | DELL-ANETSUB00019535 |
| ip proxy-arp | ip proxy-arp | DELL-ANETSUB00019535 |
| ip radius source-interface | ip radius source-interface <i>interface</i> | DELL-ANETSUB00019535 |
| ip route | ip route <i>vrf</i> { <i>vrf instance</i> } <i>destination mask</i> { <i>ip-address</i> <i>interface</i> { <i>ip-address</i> }} [<i>distance</i>] [<i>permanent</i>] [<i>tag tag-value</i>] | DELL-ANETSUB00019535 |
| ip routing | ip routing | DELL-ANETSUB000131695 |
| ipv6 access-list | ipv6 access-list <i>access-list-name</i> | DELL-ANETSUB00019535 |
| ipv6 address | ipv6 address { <i>ipv6-address prefix-length</i> } | DELL-ANETSUB00019535 |
| ipv6 host | ipv6 host <i>name ip-address</i> | DELL-ANETSUB00019535 |
| ipv6 nd prefix | ipv6 nd prefix { <i>ipv6-address /prefix-length</i> > default} [no-advertise] [no- autoconfig] [no-rtr-address] [off-link] [lifetime { <i>valid</i> infinite}] { <i>preferred</i> infinite} | DELL-ANETSUB00019535 |
| ipv6 neighbor | ipv6 neighbor { <i>ipv6-address</i> } { <i>interface interface</i> } { <i>hardware_address</i> } | DELL-ANETSUB00019535 |
| ipv6 ospf area | ipv6 ospf <i>process-id</i> area <i>area-id</i> | DELL-ANETSUB00019535 |
| ipv6 ospf cost | ipv6 ospf cost <i>interface-cost</i> | DELL-ANETSUB00019535 |
| ipv6 ospf dead-interval | ipv6 ospf dead-interval <i>seconds</i> | DELL-ANETSUB00019535 |
| ipv6 ospf hello-interval | ipv6 ospf hello-interval <i>seconds</i> | DELL-ANETSUB00019535 |
| ipv6 ospf priority | ipv6 ospf priority <i>number</i> | DELL-ANETSUB00019535 |
| ipv6 prefix-list | ipv6 prefix-list list-name { [seq seq-number] {permit deny} ipv6- prefix/prefix- length [ge ge-value] [le le-value] description text renumber renumber-interval first-statement-number } | DELL-ANETSUB000131695 |
| ipv6 route | ipv6 route <i>ipv6-address prefix-length</i> { <i>interface</i> <i>ipv6-address</i> } [<i>distance</i>] [<i>tag</i> <i>value</i>] [<i>permanent</i>] | DELL-ANETSUB00019535 |
| ipv6 router ospf | ipv6 router ospf <i>process-id</i> | DELL-ANETSUB00019535 |
| ipv6 unicast-routing | ipv6 unicast-routing | DELL-ANETSUB00019535 |
| isis hello-multiplier | isis hello-multiplier <i>multiplier</i> [level-1 level-2] | DELL-ANETSUB00019535 |
| isis metric | isis metric <i>default-metric</i> [level-1 level-2] | DELL-ANETSUB00019535 |
| isis priority | isis priority <i>value</i> [level-1 level-2] | DELL-ANETSUB00019535 |
| is-type | is-type [level-1 level-1-2 level-2-only] | DELL-ANETSUB00019535 |
| lacp port-priority | lacp port-priority <i>priority-value</i> | DELL-ANETSUB00019535 |
| lacp system-priority | lacp system-priority <i>priority-value</i> | DELL-ANETSUB00019535 |
| lldp receive | lldp receive | DELL-ANETSUB000131695 |
| lldp reinit | lldp reinit-delay <i>seconds</i> | DELL-ANETSUB000122372 |
| lldp run | lldp run no lldp run | DELL-ANETSUB000114148 |
| lldp timer | lldp timers [interval <i>transmit-interval</i>] [hold <i>hold-multiplier</i>] [reinit <i>reinit- delay</i>] | DELL-ANETSUB000131695 |
| lldp transmit | lldp transmit | DELL-ANETSUB000131695 |
| log-adjacency-changes | log-adjacency-changes | DELL-ANETSUB00019535 |
| log-adjacency-changes (IS-IS) | log-adjacency-changes | DELL-ANETSUB00019535 |
| log-adjacency-changes (OSPFv3) | log-adjacency-changes | DELL-ANETSUB00019535 |

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|---|---|----------------------|
| logging host | logging host host_ip_address | DELL-ANETSUB00095249 |
| mac access-group | mac access-group access-list-name {in [vlan vlan-range] out} | DELL-ANETSUB00019535 |
| mac access-list | mac access-list standard mac-list-name // mac access-list extended access-list-name | DELL-ANETSUB00019535 |
| mac-address | mac-address mac-address | DELL-ANETSUB00026077 |
| mac-address-table aging-time | mac-address-table aging-time seconds | DELL-ANETSUB00019535 |
| mac-address-table static | mac-address-table static mac-address output interface vlan vlan-id | DELL-ANETSUB00019535 |
| maximum-paths | maximum-paths {ebgp ibgp} number // maximum-paths number | DELL-ANETSUB00019535 |
| maximum-paths (OSPFv3) | maximum-paths number | DELL-ANETSUB00019535 |
| neighbor activate | neighbor {ip-address peer-group-name} activate | DELL-ANETSUB00019535 |
| neighbor allowas-in | neighbor {ip-address peer-group-name} allowas-in number | DELL-ANETSUB00019535 |
| neighbor default-originate | neighbor {ip-address peer-group-name} default-originate [route-map map-name] | DELL-ANETSUB00019535 |
| neighbor description | neighbor {ip-address peer-group-name} description text | DELL-ANETSUB00019535 |
| neighbor ebgp-multihop | neighbor {ipv6-address peer-group-name} ebgp-multihop [ttl] | DELL-ANETSUB00019535 |
| neighbor local-as | neighbor {ip-address peer-group-name} local-as as-number [no-prepend] | DELL-ANETSUB00019535 |
| neighbor next-hop-self | neighbor {ip-address peer-group-name} next-hop-self | DELL-ANETSUB00019535 |
| neighbor password | neighbor {ip-address peer-group-name} password [encryption-type] password | DELL-ANETSUB00019535 |
| neighbor peer-group (assigning members) | neighbor ip-address peer-group peer-group-name | DELL-ANETSUB00019535 |
| neighbor peer-group (creating) | neighbor peer-group-name peer-group | DELL-ANETSUB00019535 |
| neighbor remote-as | neighbor {ip-address peer-group-name} remote-as number | DELL-ANETSUB00019535 |
| neighbor remove-private-as | neighbor {ip-address peer-group-name} remove-private-as | DELL-ANETSUB00019535 |
| neighbor route-map | neighbor {ip-address peer-group-name} route-map map-name {in out} | DELL-ANETSUB00019535 |
| neighbor route-reflector-client | neighbor {ip-address peer-group-name} route-reflector-client | DELL-ANETSUB00019535 |
| neighbor shutdown | neighbor {ip-address peer-group-name} shutdown | DELL-ANETSUB00019535 |
| neighbor timers | neighbor {ip-address peer-group-name} timers keepalive holdtime | DELL-ANETSUB00019535 |
| neighbor update-source | neighbor {ip-address peer-group-name} update-source interface | DELL-ANETSUB00019535 |
| neighbor weight | neighbor {ip-address peer-group-name} weight weight | DELL-ANETSUB00019535 |
| passive-interface | passive-interface interface | DELL-ANETSUB00019535 |
| passive-interface (OSPFv3) | passive-interface {default interface} | DELL-ANETSUB00019535 |
| port-channel load-balance | port-channel load-balance {layer-2 layer-2-3 layer-2-3-4} | DELL-ANETSUB00122372 |
| private-vlan | [no] private-vlan mode {community isolated primary} | DELL-ANETSUB00019535 |
| radius-server deadtime | radius-server deadtime deadtime | DELL-ANETSUB00131695 |
| radius-server host | radius-server host {hostname ipv4-address ipv6-address} [auth-port port-number] [retransmit retries] [timeout seconds] [key {encryption-type} key] | DELL-ANETSUB00019535 |
| radius-server key | radius-server key {encryption-type} key | DELL-ANETSUB00019535 |
| radius-server retransmit | radius-server retransmit retries | DELL-ANETSUB00019535 |
| radius-server timeout | radius-server timeout seconds | DELL-ANETSUB00019535 |
| route-map | route-map map-name | DELL-ANETSUB00019535 |
| router bgp | router bgp as-number | DELL-ANETSUB00019535 |
| router isis | ip router isis [tag] // ipv6 router isis [tag] | DELL-ANETSUB00019535 |
| router ospf | router ospf process-id [vrf {vrf name}] | DELL-ANETSUB00019535 |
| router rip | router rip | DELL-ANETSUB00019535 |
| router-id | router-id ip-address | DELL-ANETSUB00019535 |
| router-id (OSPFv3) | router-id ip-address | DELL-ANETSUB00019535 |
| set-overload-bit | set-overload-bit | DELL-ANETSUB00019535 |
| show arp | show arp [vrf {vrf name}] [interface interface ip ip-address {mask} macaddress mac-address {mac-address mask}] [cpu {cp rp1 rp2}] [static dynamic] [summary] | DELL-ANETSUB00019535 |
| show bfd neighbors | show bfd neighbors interface [detail] | DELL-ANETSUB00019535 |
| show clock | show clock [detail] | DELL-ANETSUB00019535 |
| show dot1q-tunnel | show dot1q-tunnel [interface interface-id] | DELL-ANETSUB00131695 |
| show dot1x | show dot1x [interface interface-id {statistics}] | DELL-ANETSUB00131695 |
| show dot1x statistics | show dot1x [interface interface-id {statistics}] | DELL-ANETSUB00131695 |
| show environment all | show environment [all fan linecard linecard-voltage PEM RPM SFM] | DELL-ANETSUB00019535 |
| show flowcontrol ** | show flowcontrol | DELL-ANETSUB00114148 |
| show hosts | show hosts | DELL-ANETSUB00019535 |
| show interfaces | show interfaces interface | DELL-ANETSUB00019535 |
| show interfaces description | show interfaces [interface] description | DELL-ANETSUB00019535 |
| show interfaces status | show interfaces [interface linecard slot-number] status | DELL-ANETSUB00019535 |
| show interfaces switchport | show interfaces switchport [interface [linecard slot-number] stack-unit unit-id] | DELL-ANETSUB00019535 |
| show interfaces switchport backup | show interfaces [gigabitethernet tengigabitethernet] slot/port transceiver Enter the keyword backup to view the backup interface for this interface. | DELL-ANETSUB00019535 |
| show interfaces transceiver | show interfaces [gigabitethernet tengigabitethernet] slot/port transceiver | DELL-ANETSUB00019535 |
| show inventory | show inventory [media slot] | DELL-ANETSUB00019535 |
| show ip access-lists | show ip access-lists [access-list-name] [interface interface] [in out] | DELL-ANETSUB00019535 |
| show ip bgp | show ip bgp [ipv4 unicast] [network {network-mask} [longer-prefixes]] | DELL-ANETSUB00019535 |
| show ip bgp community | show ip bgp [ipv4 unicast] community {community-number} [local-as] [no-export] [no-advertise] | DELL-ANETSUB00019535 |
| show ip bgp neighbors | show ip bgp [ipv4 unicast] neighbors [ipv4-neighbor-addr ipv6-neighbor-addr] [advertised-routes dampened-routes detail flap-statistics routes {received-routes [network {network-mask}]] {denied-routes [network {network-mask}]]}] | DELL-ANETSUB00019535 |

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AMENDED APPENDIX H.DE - Dell Usage of Disputed CLI Commands

| | | |
|--------------------------------------|--|----------------------|
| show ip bgp paths | show ip bgp paths [regex regular-expression] | DELL-ANETSUB00019535 |
| show ip bgp peer-group | show ip bgp [ipv4 unicast] peer-group [peer-group-name] [detail summary] | DELL-ANETSUB00019535 |
| show ip bgp regexp | show ip bgp regexp regular-expression [character] | DELL-ANETSUB00019535 |
| show ip bgp summary | show ip bgp [ipv4 unicast] summary | DELL-ANETSUB00019535 |
| show ip dhcp snooping | show ip dhcp snooping [binding source-address-validation] | DELL-ANETSUB00019535 |
| show ip helper-address | show ip helper-address [vrf vrf-name] [intf-address] | DELL-ANETSUB00131695 |
| show ip igmp groups | show ip igmp groups [group-address] [detail] detail interface [group-address] [detail]] | DELL-ANETSUB00019535 |
| show ip igmp interface | show ip igmp interface [interface] | DELL-ANETSUB00019535 |
| show ip igmp snooping groups | show ip igmp snooping groups [vlan vlan-id] [address ip-multicast-address] | DELL-ANETSUB00131695 |
| show ip igmp snooping mrouter | show ip igmp snooping mrouter [vlan number] | DELL-ANETSUB00019535 |
| show ip interface | show ip interface [interface brief linecard slot-number] [configuration] | DELL-ANETSUB00019535 |
| show ip interface brief | show ip interface [interface brief linecard slot-number] [configuration] | DELL-ANETSUB00019535 |
| show ip ospf | show ip ospf process-id [vrf vrf name] | DELL-ANETSUB00019535 |
| show ip ospf interface | show ip ospf process-id interface [interface] | DELL-ANETSUB00019535 |
| show ip ospf neighbor | show ip ospf process-id neighbor | DELL-ANETSUB00019535 |
| show ip pim interface | show ip pim interface | DELL-ANETSUB00019535 |
| show ip pim neighbor | show ip pim neighbor | DELL-ANETSUB00019535 |
| show ip pim rp | show ip pim rp [mapping group-address] | DELL-ANETSUB00019535 |
| show ip rip database | show ip rip database [ip-address mask] | DELL-ANETSUB00019535 |
| show ip route | show ip route [vrf [vrf name] hostname ip-address [mask] [longer-prefixes] list prefix-list protocol [process-id routing-tag] all connected static summary] | DELL-ANETSUB00019535 |
| show ip route summary | show ip route summary | DELL-ANETSUB00019535 |
| show ipv6 interface | show ipv6 interface interface [brief] [configured] [gigabitethernet slot / slot/port] [linecard slot-number] [loopback interface-number] [managementethernet slot/port] [port-channel number] [tengigabitethernet slot / slot/port] [vlan vlan-id] | DELL-ANETSUB00019535 |
| show ipv6 neighbors | show ipv6 neighbors [ipv6-address] [cpu {rp1 [ipv6-address] rp2 [ipv6-address]}] [interface interface] | DELL-ANETSUB00019535 |
| show ipv6 ospf interface | show ipv6 ospf [interface] | DELL-ANETSUB00019535 |
| show ipv6 ospf neighbor | show ipv6 ospf neighbor [interface] | DELL-ANETSUB00019535 |
| show ipv6 route | show ipv6 route [ipv6-address prefix-length] [hostname] [all] [bgp as number] [connected] [isis tag] [list prefix-list name] [ospf process-id] [rip] [static] [summary] | DELL-ANETSUB00019535 |
| show ipv6 route summary | show ipv6 route [ipv6-address prefix-length] [hostname] [all] [bgp as number] [connected] [isis tag] [list prefix-list name] [ospf process-id] [rip] [static] [summary] | DELL-ANETSUB00019535 |
| show isis database | show isis database [level-1 level-2] [local] [detail summary] [lspid] | DELL-ANETSUB00019535 |
| show isis interface | show isis interface [interface] | DELL-ANETSUB00019535 |
| show lacp counters | show lacp port-channel-number [sys-id counters] | DELL-ANETSUB00019535 |
| show lldp neighbors | show lldp neighbors [interface] [detail] | DELL-ANETSUB00019535 |
| show mac access-lists | show mac access-lists [access-list-name] [interface interface] [in out] | DELL-ANETSUB00019535 |
| show mac-address-table | show mac-address-table [dynamic static] [address mac-address interface interface vlan vlan-id] [count [vlan vlan-id] [interface interface-type [slot /port]]] | DELL-ANETSUB00019535 |
| show mac-address-table aging time | show mac-address-table aging-time [vlan vlan-id] | DELL-ANETSUB00019535 |
| show mac-address-table count | show mac-address-table [dynamic static] [address mac-address interface interface vlan vlan-id] [count [vlan vlan-id] [interface interface-type [slot /port]]] | DELL-ANETSUB00019535 |
| show monitor session | show monitor session {session-ID} | DELL-ANETSUB00019535 |
| show policy-map interface | show policy-map interface {interface-id} [in out] | DELL-ANETSUB00131695 |
| show port-security | show port-security [interface-id all dynamic interface-id static interface-id violation interface-id] | DELL-ANETSUB00131695 |
| show privilege | show privilege | DELL-ANETSUB00019535 |
| show qos maps | show qos map [dscp-queue tcp-port-queue udp-port-queue] | DELL-ANETSUB00122116 |
| show radius | show radius statistics [accounting authentication] [{ipaddress hostname name servername}] | DELL-ANETSUB00131695 |
| show route-map | show route-map [map-name] | DELL-ANETSUB00019535 |
| show snmp | show snmp | DELL-ANETSUB00019535 |
| show snmp engineID | show snmp engineID | DELL-ANETSUB00019535 |
| show spanning-tree | show spanning-tree 0 [active brief guard interface interface root summary] | DELL-ANETSUB00019535 |
| show spanning-tree blockedports | | DELL-ANETSUB00019535 |
| show spanning-tree interface | show spanning-tree 0 [active brief guard interface interface root summary] | DELL-ANETSUB00019535 |
| show spanning-tree mst configuration | show spanning-tree mst configuration | DELL-ANETSUB00019535 |
| show storm-control | show storm-control broadcast [interface] //show storm-control multicast [interface] // show storm-control unknown-unicast [interface] | DELL-ANETSUB00019535 |
| show tacacs | show tacacs [ip-address] | DELL-ANETSUB00131695 |
| show users | show users [all] | DELL-ANETSUB00019535 |
| show version | show version | DELL-ANETSUB00019535 |
| show vlan | show vlan [brief id vlan-id name vlan-name] | DELL-ANETSUB00019535 |
| show vlan internal usage | show vlan internal usage | DELL-ANETSUB00122372 |
| show vlan private-vlan | show vlan private-vlan [community interface isolated primary primary_vlan interface interface] | DELL-ANETSUB00019535 |

| | | |
|---------------------------------|---|-----------------------|
| snmp-server community | snmp-server community <i>community-name</i> {ro rw} [ipv6 <i>ipv6-access-list-name</i> [<i>ipv6 ipv6-access-list-name</i> <i>access-list-name</i> security-name <i>name</i>] security-name <i>name</i> [<i>ipv6 ipv6-access-list-name</i> <i>access-list-name</i> security-name <i>name</i>] <i>access-list-name</i> [<i>ipv6 ipv6-access-list-name</i> <i>access-list-name</i> security-name <i>name</i>]] | DELL-ANETSUB00019535 |
| snmp-server contact | snmp-server contact <i>text</i> | DELL-ANETSUB00019535 |
| snmp-server enable traps | snmp-server enable traps [<i>notification-type</i>] [<i>notification-option</i>] | DELL-ANETSUB00019535 |
| snmp-server engineID local | snmp-server engineID [local <i>engineID</i>] [remote <i>ip-address</i> udp-port <i>port-number engineID</i>] | DELL-ANETSUB00019535 |
| snmp-server engineID remote | snmp-server engineID [local <i>engineID</i>] [remote <i>ip-address</i> udp-port <i>port-number engineID</i>] | DELL-ANETSUB00019535 |
| snmp-server group | snmp-server group [<i>group_name</i> {1 2c 3 {auth noauth priv}}] [read <i>name</i>] [write <i>name</i>] [notify <i>name</i>] [<i>access-list-name</i> ipv6 <i>access-list-name</i> <i>access-list-name</i> <i>ipv6 access-list-name</i>]] | DELL-ANETSUB00019535 |
| snmp-server host | snmp-server host <i>ip-address</i> <i>ipv6-address</i> [traps informs] [version 1 2c 3] [auth no auth priv] [community-string] [udp-port <i>port-number</i>] [<i>notification-type</i>] | DELL-ANETSUB00019535 |
| snmp-server location | snmp-server location <i>text</i> | DELL-ANETSUB00019535 |
| snmp-server user | snmp-server user <i>name</i> { <i>group_name</i> remote <i>ip-address</i> udp-port <i>port-number</i> } [1 2c 3] [encrypted] [auth {md5 sha} <i>auth-password</i>] [priv des56 <i>priv password</i>] [<i>access-list-name</i> <i>ipv6 access-list-name</i> <i>access-list-name</i> <i>ipv6 access-list-name</i>]] | DELL-ANETSUB00019535 |
| snmp-server view | snmp-server view <i>view-name</i> <i>oid-tree</i> {included excluded} | DELL-ANETSUB00019535 |
| spanning-tree bpduguard | spanning-tree bpduguard {enable disable} no spanning-tree bpduguard | DELL-ANETSUB000114148 |
| spanning-tree cost | spanning-tree [vlan <i>vlan-list</i>] cost <i>cost</i> | DELL-ANETSUB000131695 |
| spanning-tree link-type | spanning-tree link-type {auto point-to-point shared} | DELL-ANETSUB000095249 |
| spanning-tree mode | spanning-tree mode {stp rstp mst pvst rapid-pvst} | DELL-ANETSUB000131695 |
| spanning-tree mst configuration | spanning-tree mst configuration | DELL-ANETSUB000131695 |
| spanning-tree port-priority | spanning-tree [vlan <i>vlan-id</i>] port-priority <i>priority</i> | DELL-ANETSUB000131695 |
| storm-control | storm-control broadcast [<i>percentage decimal_value</i> in out] [wred-profile <i>name</i>]] [packets_per_second in] // storm-control multicast packets_per_second in // storm-control unknown-unicast [<i>percentage decimal_value</i> [in out]] [wred-profile <i>name</i>]] [packets_per_second in] // | DELL-ANETSUB00019535 |
| switchport access vlan | switchport access vlan <i>vlan-id</i> | DELL-ANETSUB000122116 |
| switchport backup interface | [no] switchport backup interface {gigabit slot/port tengigabit slot/port port-channel <i>number</i> }] | DELL-ANETSUB00019535 |
| switchport mode | [no] switchport mode private-vlan {host promiscuous trunk} | DELL-ANETSUB00019535 |
| switchport private-vlan mapping | switchport private-vlan {host-association primary-vlan-id secondary-vlan-id mapping primary-vlan-id [add remove] secondary-vlan-list} | DELL-ANETSUB000131695 |
| switchport trunk allowed vlan | switchport trunk {allowed vlan <i>vlan-list</i> native vlan <i>vlan-id</i> } | DELL-ANETSUB000131695 |
| switchport trunk native vlan | switchport trunk {allowed vlan <i>vlan-list</i> native vlan <i>vlan-id</i> } | DELL-ANETSUB000131695 |
| tacacs-server host | tacacs-server host { <i>hostname</i> <i>ipv4-address</i> <i>ipv6-address</i> } [port <i>number</i>] [timeout seconds] [key <i>key</i>] | DELL-ANETSUB00019535 |
| tacacs-server key | tacacs-server key [<i>encryption-type</i>] <i>key</i> | DELL-ANETSUB00019535 |
| tacacs-server timeout | tacacs-server host { <i>hostname</i> <i>ipv4-address</i> <i>ipv6-address</i> } [port <i>number</i>] [timeout seconds] [key <i>key</i>] | DELL-ANETSUB00019535 |
| terminal length | terminal length <i>screen-length</i> | DELL-ANETSUB00019535 |
| timers bgp | timers bgp <i>keepalive holdtime</i> | DELL-ANETSUB00019535 |
| vrrp delay reload | vrrp delay reload seconds | CSI-CLI-04785577 |

** Based on Exhibit Copying-2 to the Almeroth Opening Report, this command abstraction is not used by Cisco, but it is what Cisco and Prof. Almeroth accuses Arista EOS of using.

Total of 269 command abstractions listed above.